

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/036076

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C08G61/02 C09K11/06 C07C25/22 C07F5/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07C C08G H01B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 514 632 B1 (WOO EDMUND P ET AL) 4 February 2003 (2003-02-04) column 3, line 39 - line 52 column 17, line 64 - column 18, line 23 column 26, line 9 - line 44 column 45; table 2 column 47, line 5 - line 10 claim 1 -----	1-3,5-7, 9-12
X	US 6 309 763 B1 (WOO EDMUND P ET AL) 30 October 2001 (2001-10-30) column 2, line 66 - column 3, line 2 column 5, line 57 - column 6, line 59 column 14, line 1 - line 10 -----	1-3,5-12
A	US 6 512 083 B1 (WOO EDMUND P ET AL) 28 January 2003 (2003-01-28) the whole document ----- -/--	1-12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

**\* Special categories of cited documents:**

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

12 May 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 983 482 A (ONG ET AL) 8 January 1991 (1991-01-08) the whole document -----	7-9

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/036076

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6514632	B1	04-02-2003	US 6169163 B1 02-01-2001
			US 5708130 A 13-01-1998
			US 6309763 B1 30-10-2001
			US 6255449 B1 03-07-2001
			US 6512083 B1 28-01-2003
			US 6362310 B1 26-03-2002
			US 2001026878 A1 04-10-2001
			CN 1376658 A 30-10-2002
			CN 1192223 A 02-09-1998
			DE 69608446 D1 21-06-2000
			DE 69608446 T2 25-01-2001
			EP 0842208 A1 20-05-1998
			JP 11510535 T 14-09-1999
			TW 384295 B 11-03-2000
			WO 9705184 A1 13-02-1997
			US 6255447 B1 03-07-2001
			US 2003208032 A1 06-11-2003
			US 2001053842 A1 20-12-2001
			US 5962631 A 05-10-1999
US 6309763	B1	30-10-2001	US 6169163 B1 02-01-2001
			CA 2294485 A1 28-10-1999
			CN 1263542 A 16-08-2000
			DE 69908522 D1 10-07-2003
			DE 69908522 T2 15-04-2004
			EP 0988337 A1 29-03-2000
			JP 2002506481 T 26-02-2002
			WO 9954385 A1 28-10-1999
			US 2001026878 A1 04-10-2001
			US 6255449 B1 03-07-2001
			US 6512083 B1 28-01-2003
			US 6362310 B1 26-03-2002
			US 6514632 B1 04-02-2003
US 6512083	B1	28-01-2003	US 6169163 B1 02-01-2001
			US 5708130 A 13-01-1998
			US 2003208032 A1 06-11-2003
			US 6309763 B1 30-10-2001
			US 6255449 B1 03-07-2001
			US 6362310 B1 26-03-2002
			US 6514632 B1 04-02-2003
			US 2001026878 A1 04-10-2001
			CN 1376658 A 30-10-2002
			CN 1192223 A 02-09-1998
			DE 69608446 D1 21-06-2000
			DE 69608446 T2 25-01-2001
			EP 0842208 A1 20-05-1998
			JP 11510535 T 14-09-1999
			TW 384295 B 11-03-2000
			WO 9705184 A1 13-02-1997
			US 6255447 B1 03-07-2001
			US 2001053842 A1 20-12-2001
			US 5962631 A 05-10-1999
US 4983482	A	08-01-1991	NONE